

# Lipper Performance Report

## Investment Objective Performance Summary

Total Net Assets (\$millions)	# of Funds	Type of Fund	Cumulative Total Reinvested Performance %							
			YTD	1 Week	4 Weeks	13 Weeks	52 Weeks	2 Years*	3 Years*	5 years*
			12/31/18 to 3/21/19	3/14/19 to 3/21/19	2/21/19 to 3/21/19	12/20/18 to 3/21/19	3/22/18 to 3/21/19	3/16/17 to 3/21/19	3/17/16 to 3/21/19	3/20/14 to 3/21/19
<b>U.S. Diversified Equity Funds</b>										
1,115,908.8	679	Large-Cap Growth Funds	17.37	2.36	4.66	20.05	11.96	17.18	17.16	11.94
891,745.1	779	Large-Cap Core Funds	13.62	1.44	2.63	15.57	8.34	10.24	12.75	9.40
527,048.5	495	Large-Cap Value Funds	12.34	0.74	1.21	13.84	5.61	6.39	10.65	7.41
381,500.5	550	Multi-Cap Growth Funds	17.91	2.21	4.15	20.66	10.58	15.76	16.32	10.26
1,397,593.3	786	Multi-Cap Core Funds	13.97	1.31	1.80	15.74	5.71	8.79	11.69	7.94
252,349.4	400	Multi-Cap Value Funds	13.06	0.67	0.38	14.44	2.84	4.92	9.76	6.53
260,295.7	408	Mid-Cap Growth Funds	20.17	2.17	3.49	23.50	9.93	14.82	16.14	9.27
331,101.6	420	Mid-Cap Core Funds	14.81	0.87	0.40	16.36	2.97	5.80	10.18	6.25
127,560.1	208	Mid-Cap Value Funds	14.23	0.44	-0.92	15.30	-0.70	2.51	8.10	5.16
210,390.8	592	Small-Cap Growth Funds	20.37	1.76	2.13	24.06	9.92	15.35	18.52	8.47
555,360.7	997	Small-Cap Core Funds	14.69	0.48	-1.47	16.56	0.71	5.09	11.04	5.78
138,134.5	301	Small-Cap Value Funds	13.74	-0.01	-2.93	15.21	-2.06	1.95	9.12	3.86
1,443,163.8	115	S&P 500 Index Funds	14.32	1.66	3.03	16.19	9.69	11.11	13.56	10.52
475,217.5	559	Equity Income Funds	11.47	0.90	1.41	12.84	6.65	6.82	9.99	7.54
3,543.7	32	Specialty Diversified Equity Fund	7.19	0.94	1.54	7.87	0.72	2.97	3.17	-2.39
11,651.3	165	Dedicated Short Bias Funds	-20.61	-2.85	-3.92	-22.60	-14.06	-19.17	-24.34	-19.80
22,832.6	98	Alternative Equity Market Neutral	-1.16	-0.19	-0.82	-1.04	-2.22	-1.44	-0.98	-0.84
40,811.4	351	Alternative Long/Short Equity Fu	6.64	0.55	0.70	7.65	1.27	3.46	5.28	3.60
35,951.5	228	Equity Leverage Funds	28.36	3.00	3.82	30.31	-0.50	8.21	17.20	7.05
9,470.6	27	Alternative Active Extension Fund	12.63	1.46	2.04	14.41	4.19	8.24	11.73	8.86
<b>8,231,630.5</b>	<b>8,190</b>	<b>U.S. Diversified Equity Funds</b>	<b>14.26</b>	<b>1.17</b>	<b>1.42</b>	<b>16.19</b>	<b>5.23</b>	<b>8.51</b>	<b>11.70</b>	<b>7.18</b>
<b>Sector Equity Funds</b>										
118,145.5	104	Health/Biotechnology Funds	14.83	1.01	3.56	18.55	10.96	12.45	16.02	9.49
33,582.7	90	Natural Resources Funds	18.65	3.01	2.57	19.99	-6.96	-5.44	0.94	-7.71
131,815.6	185	Science & Technology Funds	21.69	3.34	5.88	24.47	9.60	20.17	23.07	14.77
13,441.5	39	Telecommunication Funds	13.83	1.79	3.16	14.33	6.08	4.39	6.55	5.30
35,521.1	64	Utility Funds	11.22	0.69	2.94	9.36	18.89	10.33	9.78	8.38
56,107.7	96	Financial Services Funds	11.05	-2.20	-2.92	13.49	-5.93	2.18	11.60	6.45
155,926.9	267	Real Estate Funds	15.10	0.59	2.24	13.86	17.83	7.11	5.87	8.36
14,045.2	72	Specialty/Miscellaneous Funds	8.48	1.18	0.97	9.60	-1.73	1.46	0.47	-9.86
23,897.3	73	Precious Metals Equity Funds	9.52	1.73	-1.39	12.95	1.01	-4.60	2.05	-2.51
12,845.8	34	Basic Materials Funds	13.49	1.71	-0.01	15.74	-6.63	2.62	10.55	1.86
20,663.1	38	Consumer Goods Funds	11.77	1.89	1.22	11.91	3.95	3.19	5.26	6.83
23,716.2	45	Consumer Services Funds	14.66	2.35	2.74	17.16	7.72	9.85	9.62	7.72
3,552.0	28	Global Financial Services Funds	10.73	0.12	0.59	12.11	-6.30	2.96	8.19	4.44
59,662.1	46	Global Health/Biotechnology Fun	12.98	1.14	3.25	15.64	12.66	9.49	11.20	8.07
28,291.9	116	Global Natural Resources Funds	14.75	2.03	1.69	16.39	-4.22	0.15	4.52	-4.18
38,029.2	185	Global Real Estate Funds	14.42	0.96	2.63	12.96	12.73	8.63	6.18	6.72
19,775.7	70	Global Science/Technology Fund	22.51	3.12	5.33	25.02	6.69	22.06	24.11	16.43
33,798.9	60	Industrials Funds	14.79	0.86	-0.89	16.45	-0.67	6.66	11.26	6.96
16,704.8	47	International Real Estate Funds	13.17	1.71	3.53	11.81	4.47	10.48	7.40	6.00
16,665.9	119	Alternative Managed Futures Fur	0.29	0.63	1.95	0.39	-4.01	-1.93	-2.30	1.35
930.8	26	Commodities Agriculture Funds	-1.01	1.66	-2.44	-2.50	-11.44	-11.55	-8.22	-12.09
54,449.2	22	Commodities Precious Metals Fu	4.00	1.91	-0.34	6.10	0.00	2.17	2.24	-2.19
1,020.2	22	Commodities Specialty Funds	9.82	0.46	1.01	8.66	-6.74	-2.28	-7.10	-11.16
33,946.6	132	Commodities General Funds	8.96	1.23	0.87	7.27	-3.58	1.32	2.63	-7.40
2,978.6	21	Commodities Energy Funds	20.96	1.13	3.21	17.89	2.37	8.51	7.54	-15.32
292.5	15	Commodities Base Metals Funds	9.60	0.42	1.29	7.18	-6.02	2.00	8.21	0.21
40,786.6	146	Energy MLP Funds	20.14	2.84	3.27	19.26	12.46	-3.42	6.74	-4.88
16,556.9	108	Global Infrastructure Funds	14.70	1.33	3.13	13.83	10.51	7.80	8.40	5.38
<b>1,007,150.5</b>	<b>2,270</b>	<b>Sector Equity Funds</b>	<b>13.99</b>	<b>1.44</b>	<b>2.25</b>	<b>14.52</b>	<b>5.89</b>	<b>5.69</b>	<b>7.93</b>	<b>3.96</b>
<b>World Equity Funds</b>										
112,977.1	152	Global Large-Cap Growth	15.19	1.92	4.01	17.15	6.71	12.50	12.92	7.92
107,810.8	78	Global Large-Cap Core	13.32	1.64	2.90	14.98	3.12	7.97	10.50	6.31
20,352.8	46	Global Large-Cap Value	12.44	1.24	2.38	13.15	3.61	5.69	8.21	4.87
49,744.3	244	Global Multi-Cap Growth	15.73	1.93	4.13	17.59	3.85	11.65	12.68	7.50
80,497.3	188	Global Multi-Cap Core	12.38	1.35	1.93	13.58	1.84	7.50	10.03	6.38
59,890.6	121	Global Multi-Cap Value	11.59	0.97	1.05	12.53	-0.68	4.46	7.94	4.09
292,775.5	199	International Large-Cap Growth	13.01	1.71	3.15	14.06	-2.04	7.21	7.82	3.64
120,546.5	88	International Large-Cap Core	11.83	1.46	2.38	12.54	-3.85	4.66	6.52	2.23
23,630.9	40	International Large-Cap Value	10.03	1.34	2.01	10.73	-6.00	2.03	5.13	0.42
340,828.2	532	International Multi-Cap Growth	13.20	1.64	3.02	14.26	-3.80	6.94	7.74	3.50
901,229.9	434	International Multi-Cap Core	11.15	1.53	2.05	11.87	-3.87	4.73	6.73	2.76
110,678.5	197	International Multi-Cap Value	10.38	1.45	1.41	11.08	-6.81	2.24	5.58	1.21

\* Periods longer than one year are annualized.

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Total Net Assets (\$millions) 2/28/2019	# of Funds	Type of Fund	Cumulative Total Reinvested Performance %							
			YTD	1 Week	4 Weeks	13 Weeks	52 Weeks	2 Years*	3 Years*	5 years*
			12/31/18 to 3/21/19	3/14/19 to 3/21/19	2/21/19 to 3/21/19	12/20/18 to 3/21/19	3/22/18 to 3/21/19	3/16/17 to 3/21/19	3/17/16 to 3/21/19	3/20/14 to 3/21/19
79,696.9	247	International Small/Mid-Cap Grov	12.51	1.41	2.05	13.88	-9.34	6.34	7.66	4.06
23,538.0	62	International Small/Mid-Cap Core	10.75	1.22	1.10	11.91	-9.04	3.85	6.29	2.71
17,601.3	18	International Small/Mid-Cap Valu	9.08	1.01	0.93	9.91	-9.05	0.70	5.85	1.80
61,992.3	155	European Region Funds	12.53	1.23	2.96	13.35	-3.91	4.95	6.07	1.68
15,057.0	48	Pacific Region Funds	11.10	1.87	2.16	11.94	-5.10	7.46	9.61	5.92
31,700.9	52	Japanese Funds	7.44	2.40	-0.11	7.40	-8.07	4.43	7.81	7.99
28,058.6	69	Pacific Ex Japan Funds	12.34	2.18	2.98	13.56	-6.60	8.37	10.75	5.73
24,855.0	91	China Region Funds	19.44	2.74	5.85	20.02	-7.23	10.92	13.24	8.09
560,613.2	918	Emerging Markets Funds	11.63	2.26	2.71	12.73	-8.49	6.18	9.90	3.51
14,300.9	34	Latin American Funds	13.18	1.47	1.14	15.25	-4.04	7.78	13.99	1.34
66,719.3	147	Global Small-/Mid-Cap Funds	14.57	1.29	1.45	16.68	-1.84	8.81	11.69	5.47
9,581.4	28	India Region Funds	4.42	1.33	10.06	4.04	-2.38	4.54	11.80	10.78
28,959.0	110	International Equity Income Func	10.75	1.49	2.11	11.13	-2.11	4.77	6.42	1.99
130,687.2	173	Global Equity Income Funds	10.39	1.24	1.91	11.26	3.41	5.35	6.96	4.71
<b>3,314,323.8</b>	<b>4,471</b>	<b>World Equity Funds</b>	<b>12.35</b>	<b>1.71</b>	<b>2.59</b>	<b>13.43</b>	<b>-3.71</b>	<b>6.52</b>	<b>8.73</b>	<b>4.12</b>
<b>12,553,104.0</b>	<b>14,931</b>	<b>Equity Funds - EFPA</b>	<b>13.65</b>	<b>1.37</b>	<b>1.89</b>	<b>15.12</b>	<b>2.68</b>	<b>7.52</b>	<b>10.28</b>	<b>5.85</b>
<b>Mixed Asset Funds</b>										
231,509.1	658	Flexible Portfolio Funds	8.07	1.07	1.61	8.76	1.54	4.30	6.23	3.48
20,605.9	140	Mixed-Asset Target 2010 Funds	6.20	0.89	1.55	6.88	3.70	4.71	5.68	4.08
54,620.9	140	Mixed-Asset Target 2015 Funds	7.06	0.95	1.62	7.78	3.89	5.22	6.37	4.47
158,892.1	246	Mixed-Asset Target 2020 Funds	7.39	1.00	1.62	8.15	3.65	5.32	6.62	4.44
184,954.7	235	Mixed-Asset Target 2025 Funds	8.38	1.09	1.77	9.28	3.84	6.05	7.53	5.01
198,470.3	253	Mixed-Asset Target 2030 Funds	9.65	1.24	1.91	10.63	3.81	6.72	8.54	5.55
153,519.0	231	Mixed-Asset Target 2035 Funds	10.91	1.33	2.08	12.05	3.85	7.48	9.52	6.12
147,261.6	249	Mixed-Asset Target 2040 Funds	11.67	1.42	2.13	12.85	3.76	7.67	9.89	6.30
103,374.7	227	Mixed-Asset Target 2045 Funds	12.26	1.44	2.20	13.52	3.86	8.09	10.35	6.59
82,732.1	245	Mixed-Asset Target 2050 Funds	12.39	1.49	2.20	13.64	3.78	8.00	10.34	6.57
579,380.1	499	Mixed-Asset Target Alloc Growth	10.41	1.22	1.91	11.57	3.90	6.66	8.54	5.74
368,315.7	604	Mixed-Asset Target Alloc Modera	8.51	1.00	1.66	9.37	3.72	5.37	7.03	4.67
114,852.8	349	Mixed-Asset Target Alloc Consv I	6.19	0.79	1.32	6.70	3.17	3.96	5.04	3.48
18,016.6	82	Convertible Securities Funds	12.21	1.46	2.54	13.68	6.49	9.29	11.55	5.86
28,950.3	226	Absolute Return Funds	3.69	0.47	0.65	3.94	-0.10	1.66	2.90	1.48
5,009.4	117	Retirement Income Funds	6.05	0.93	1.63	6.66	3.34	4.36	5.97	4.11
40,088.9	177	Mixed-Asset Target Today Funds	5.74	0.82	1.38	6.26	3.53	4.18	4.89	3.38
10,801.9	70	Alternative Event Driven Funds	5.29	0.42	0.66	6.05	3.41	3.86	5.18	2.58
82,129.1	269	Alternative Global Macro Funds	6.93	1.01	1.55	7.32	1.58	3.79	4.85	1.99
26,657.0	202	Alternative Multi-Strategy Funds	3.45	0.32	0.50	3.77	-0.81	0.32	2.01	1.15
49,392.8	453	Mixed-Asset Target 2055+ Funds	12.65	1.47	2.23	13.97	3.87	8.29	10.60	6.73
23,946.2	162	Mixed-Asset Target Alloc Agg Gr	12.94	1.45	2.11	14.33	2.27	7.45	9.97	6.01
<b>2,683,481.3</b>	<b>5,834</b>	<b>Mixed Asset Funds</b>	<b>8.81</b>	<b>1.09</b>	<b>1.71</b>	<b>9.69</b>	<b>3.07</b>	<b>5.60</b>	<b>7.28</b>	<b>4.60</b>
<b>3,442,106.3</b>	<b>4,212</b>	<b>Domestic L-T Fixed Inc Funds</b>	<b>3.21</b>	<b>0.43</b>	<b>0.96</b>	<b>3.39</b>	<b>3.27</b>	<b>2.67</b>	<b>3.36</b>	<b>2.34</b>
<b>363,161.3</b>	<b>746</b>	<b>World Income Funds</b>	<b>4.48</b>	<b>0.96</b>	<b>1.32</b>	<b>4.71</b>	<b>0.04</b>	<b>3.09</b>	<b>3.86</b>	<b>1.90</b>

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